

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1776	"37"/446-460.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/05 19:48
L4	1076	(172/713,719,721,749,722.5).OQLS.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/05 19:58
L5	2707	1 4	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 19:58
L12	25	5 and taper\$3 and lock\$3 and elastic\$3	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/05 20:03
S12	1710	"37"/446-460.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/25 17:17
S13	10	"4324057"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/25 17:18
S14	4	((("5423138") or ("5806215"))).PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/26 16:09
S16	42	("1205969"   "1808311"   "2312802"   "2689419"   "2919506"   "2921391"   "2934842"   "3021627"   "3079710"   "3196956"   "3410010"   "3463521"   "3623247"   "3624827"   "3643357"   "3774324"   "3839805"   "3982339"   "4182058"   "4326348"   "4335532"   "4357765"   "4414764"   "4761900"   "4872274"   "4965945"   "5152088"   "5272824"   "5325615").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2007/10/26 18:04
S17	29	((("5423138")).URPN.	USPAT	OR	OFF	2007/10/26 18:13
S18	10	("3196956").URPN.	USPAT	OR	OFF	2007/10/26 18:28
S19	10	("3196956").URPN.	USPAT	OR	OFF	2008/05/21 18:07
S20	9	("1808311").URPN.	USPAT	OR	OFF	2008/05/21 18:17

S21	3	("2905456").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/21 22:50
S22	9	("1808311").URPN.	USPAT	OR	OFF	2008/05/23 11:57
S23	8	("1808311"   "2990633"   "3650053"   "3832077"   "3919792"   "3982339").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 11:58
S24	19	("2689419").URPN.	USPAT	OR	OFF	2008/05/23 12:01
S25	10	("3196956").URPN.	USPAT	OR	OFF	2008/05/23 12:03
S26	11	("2934842").URPN.	USPAT	OR	OFF	2008/05/23 12:05
S27	8	("1808311"   "2990633"   "3650053"   "3832077"   "3919792"   "3982339").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 12:06
S28	41	("4231173").URPN.	USPAT	OR	OFF	2008/05/23 12:07
S29	41	("4231173").URPN.	USPAT	OR	OFF	2008/05/23 12:09
S30	17	("3982339").URPN.	USPAT	OR	OFF	2008/05/23 12:09
S31	18	("3919792").URPN.	USPAT	OR	OFF	2008/05/23 12:10
S32	18	("3919792").URPN.	USPAT	OR	OFF	2008/05/23 12:12
S33	16	("0888047"   "2050014"   "2311463"   "2339128"   "2919506"   "3079710"   "3349508"   "3530601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 12:13
S34	3	("2990633").URPN.	USPAT	OR	OFF	2008/05/23 12:14
S35	3	("2990633").URPN.	USPAT	OR	OFF	2008/05/23 12:26
S36	20	("1107253"   "1188480"   "1815819"   "2603009"   "2689419"   "2984028"   "3079710"   "3277592"   "3526049"   "3623247").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/23 12:26
S37	16	("3774324").URPN.	USPAT	OR	OFF	2008/05/23 12:27
S38	8	("1188480").URPN.	USPAT	OR	OFF	2008/05/23 12:28
S39	19	("3919792").URPN.	USPAT	OR	OFF	2008/09/28 16:52
S40	2	("6321471").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/28 17:04
S41	21	("1330143"   "1485434"   "1584851"   "2258488"   "2740212"   "3453755"   "3919792"   "5172501"   "5561925"   "5709043"   "5765301"   "5806215"   "5918391"   "5987787"   "6145224").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/28 17:16
S42	0	("H002020").URPN.	USPAT	OR	OFF	2008/09/28 18:48

S43	21	("1330143"   "1485434"   "1584851"   "2256488"   "2740212"   "3453755"   "3919792"   "5172501"   "5561925"   "5709043"   "5765301"   "5806215"   "5918391"   "5987787"   "6145224").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/28 18:48
S44	27	("0042764"   "2325991"   "2610417"   "2861362"   "3025619"   "3312003"   "3323235"   "3325926"   "3932952"   "4192089"   "4848013"   "5068986"   "5088214"   "5272824"   "5423138"   "5724756"   "5765301"   "5881150"   "5937551").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/28 18:48
S45	4	("5724756").URPN.	USPAT	OR	OFF	2008/09/28 18:51
S46	13	("2936538"   "2951300"   "3106256"   "4187035"   "4342166"   "4602445"   "4823487"   "5361520"   "5469648"   "5491915").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/28 18:52
S47	1763	"37"/446-460.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/03 12:41
S48	1	"10540009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/04 22:47
S49	9	((("4,189,854") or ("4,306,625") or ("4,821,810") or ("6,948,268")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/05 10:31

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	0	37/455,456,452	USPAT; UPAD	OR	ON	2009/12/05 20:01
L11	0	37/455,456,452	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/05 20:01
L13	0	37/455,456,452,457	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/05 20:03

12/ 5/ 09 8:12:25 PM

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